

Fig. 1

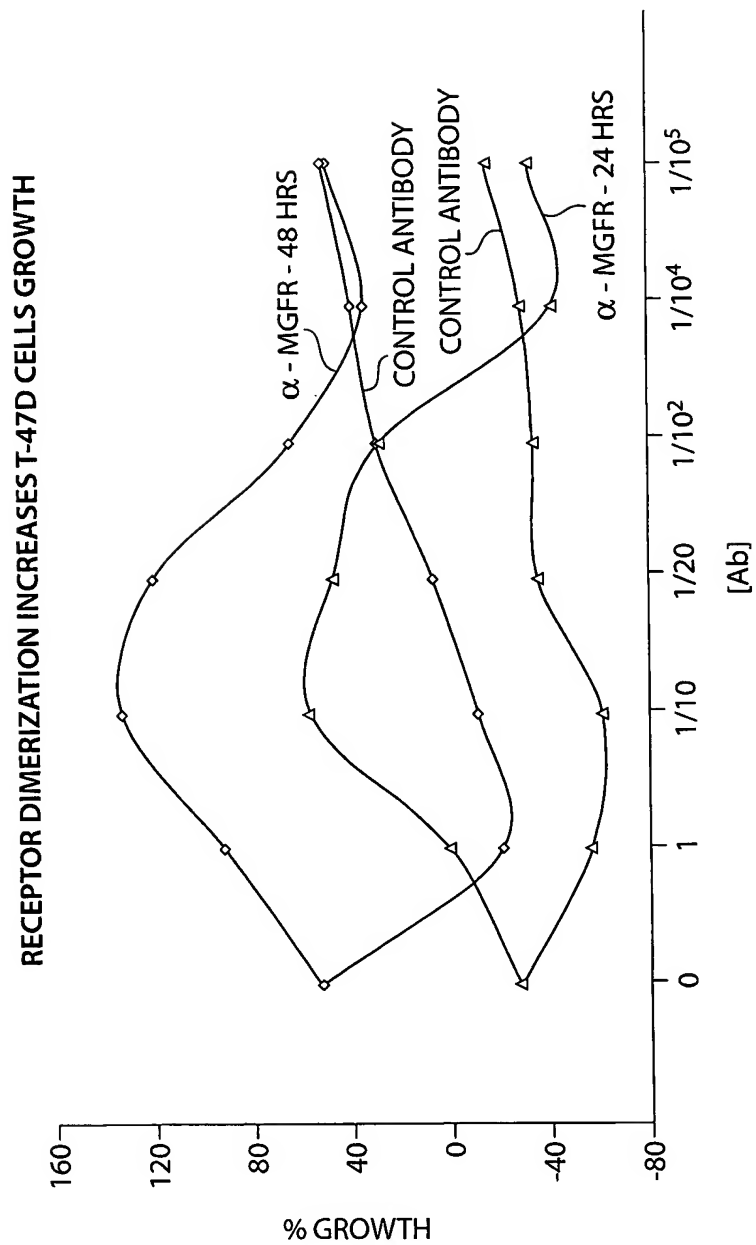


Fig. 2

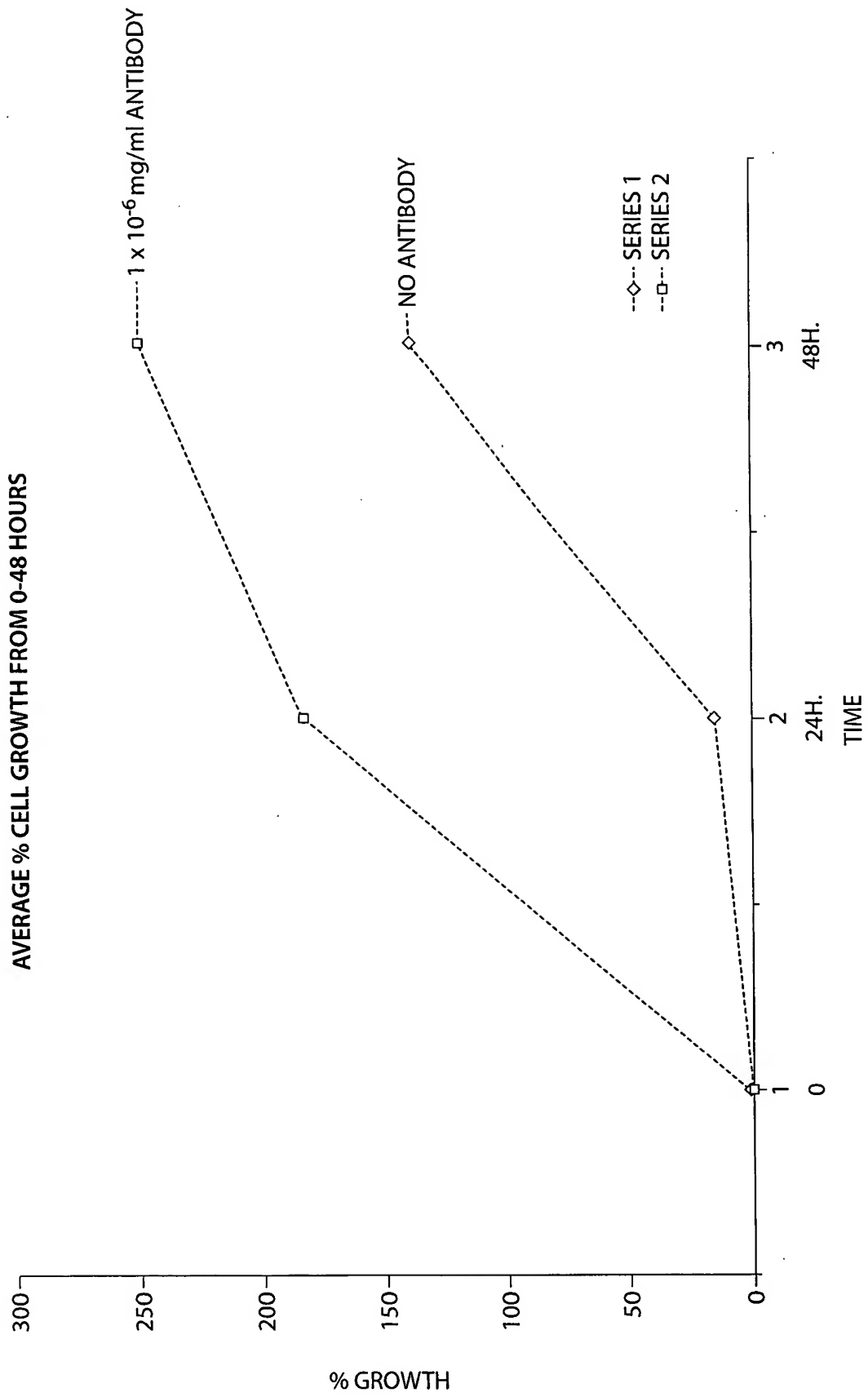


Fig. 3

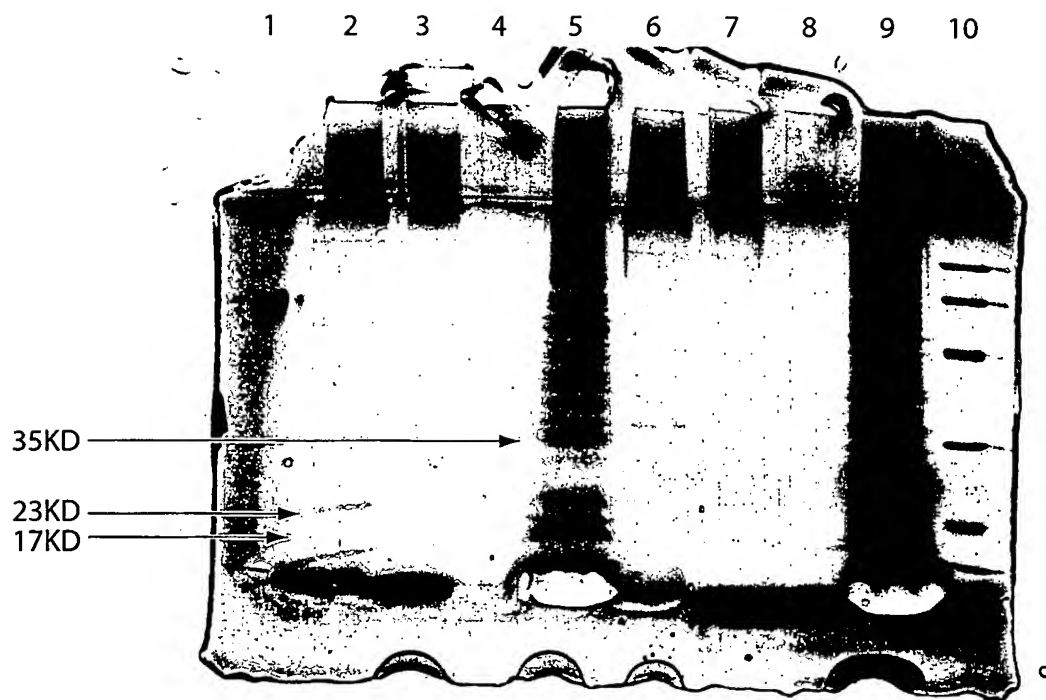


Fig. 4

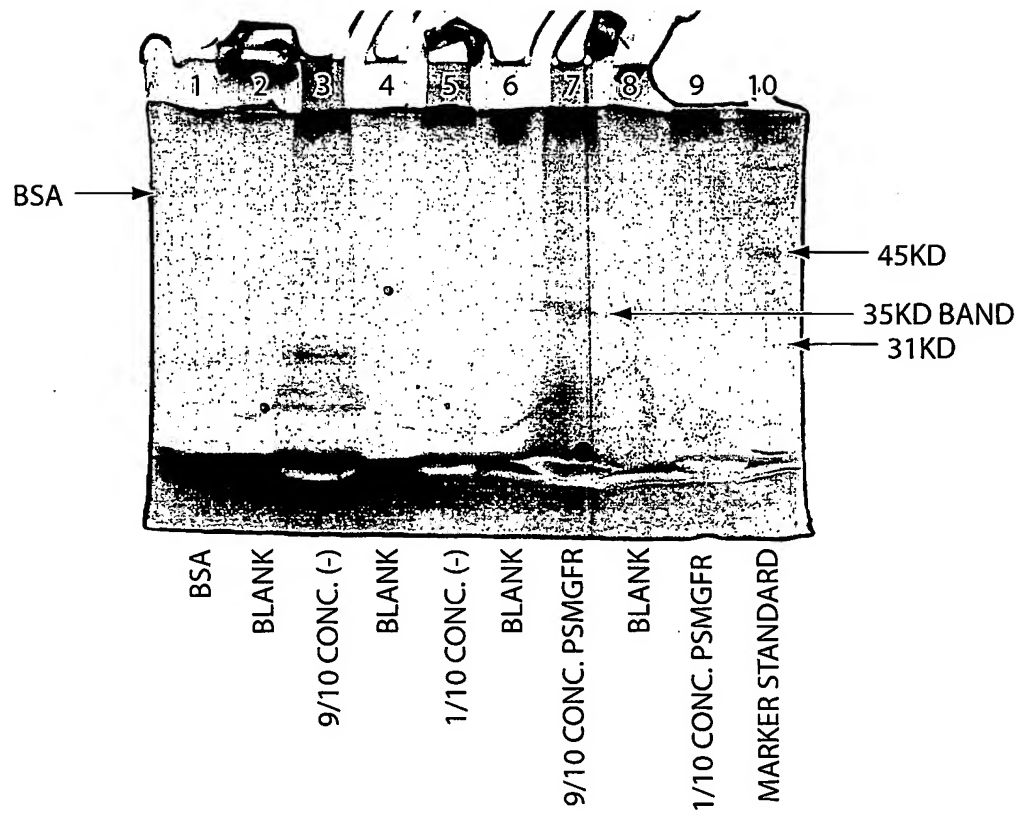


Fig. 5

BIVALENT ANTI-PSMGFR STIMULATES CELL GROWTH IN MUC1⁺ BREAST TUMOR CELLS - 1504

1504 CELLS (6000 PER WELL) STIMULATED EVERY 24 OR 48 HOURS WITH ANTI-PSMGFR AND HARVESTED AFTER 5 DAYS (---) OR 6 DAYS (----)

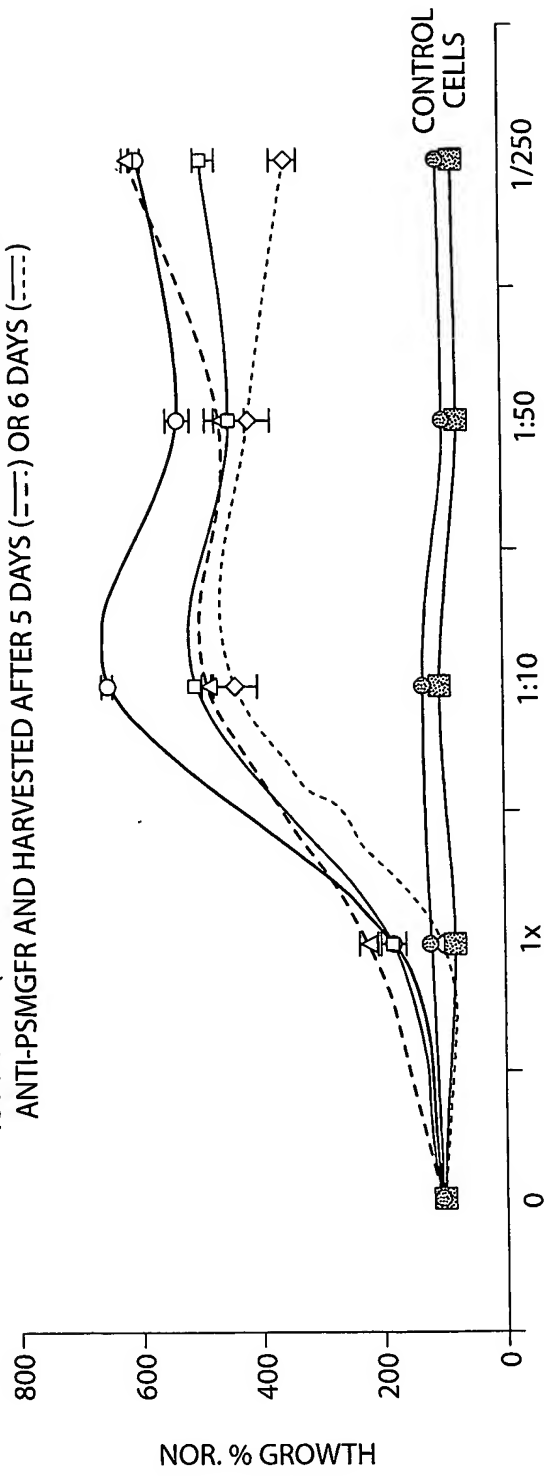


Fig. 6

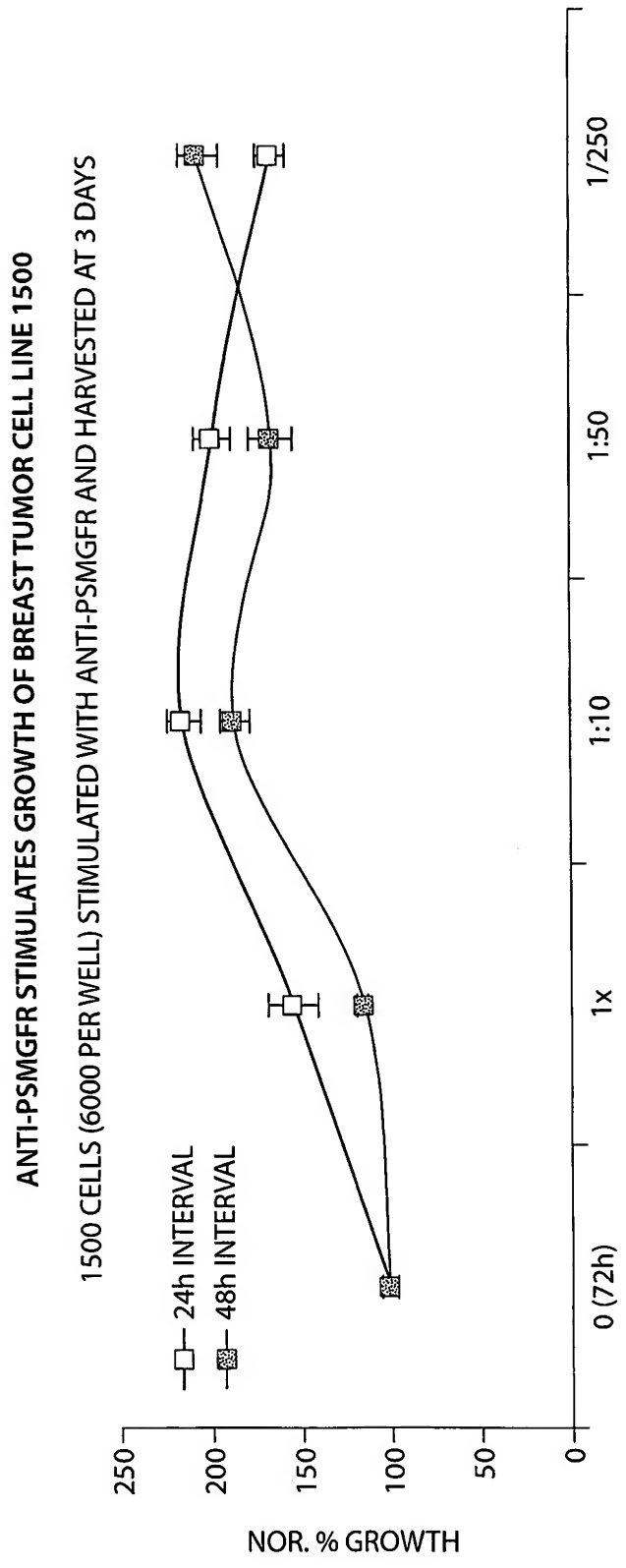


Fig. 7

ANTI-PSMGFR STIMULATES GROWTH OF BREAST TUMOR CELL LINE 1500

1500 CELLS STIMULATED EVERY 24h OR 48h WITH ANTI-PSMGFR AND HARVESTED AT 2 DAYS (---), 3 DAYS (==), OR 4 DAYS (----)

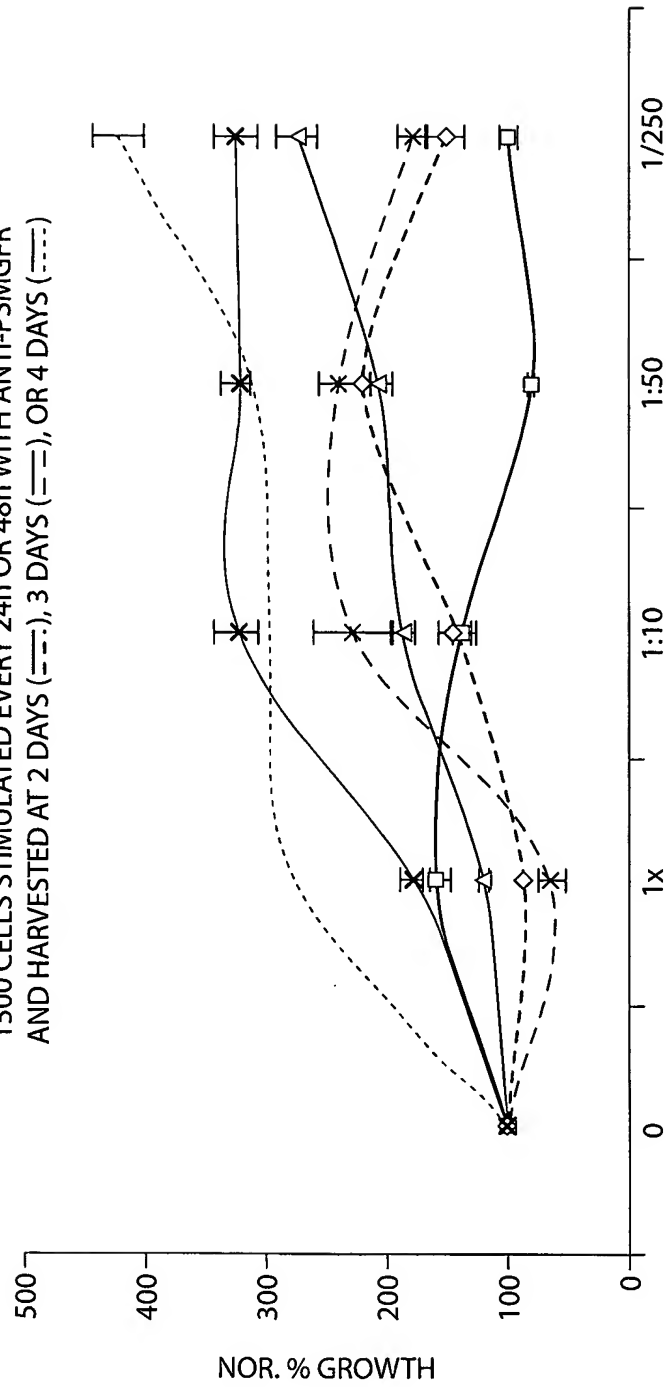


Fig. 8

BIVALENT ANTI-PSMGFR STIMULATES CELL PROLIFERATION IN T47D CELLS
THE EFFECT OF α -PSMGFR BIVALENT ANTIBODY ON T47D CELL PROLIFERATION

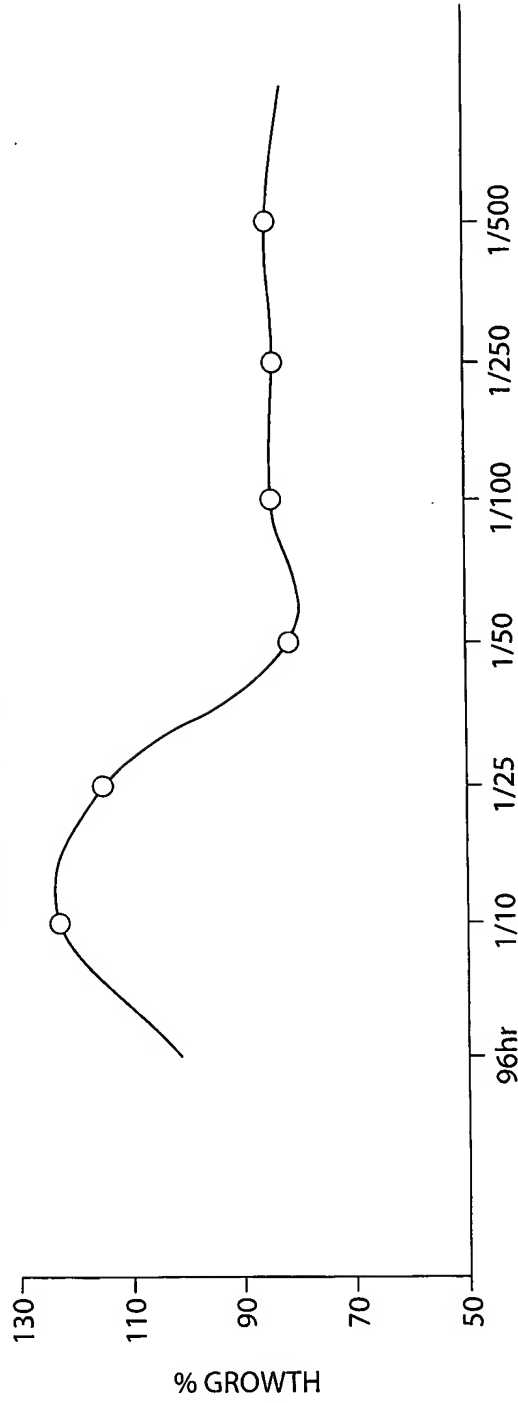


Fig. 9

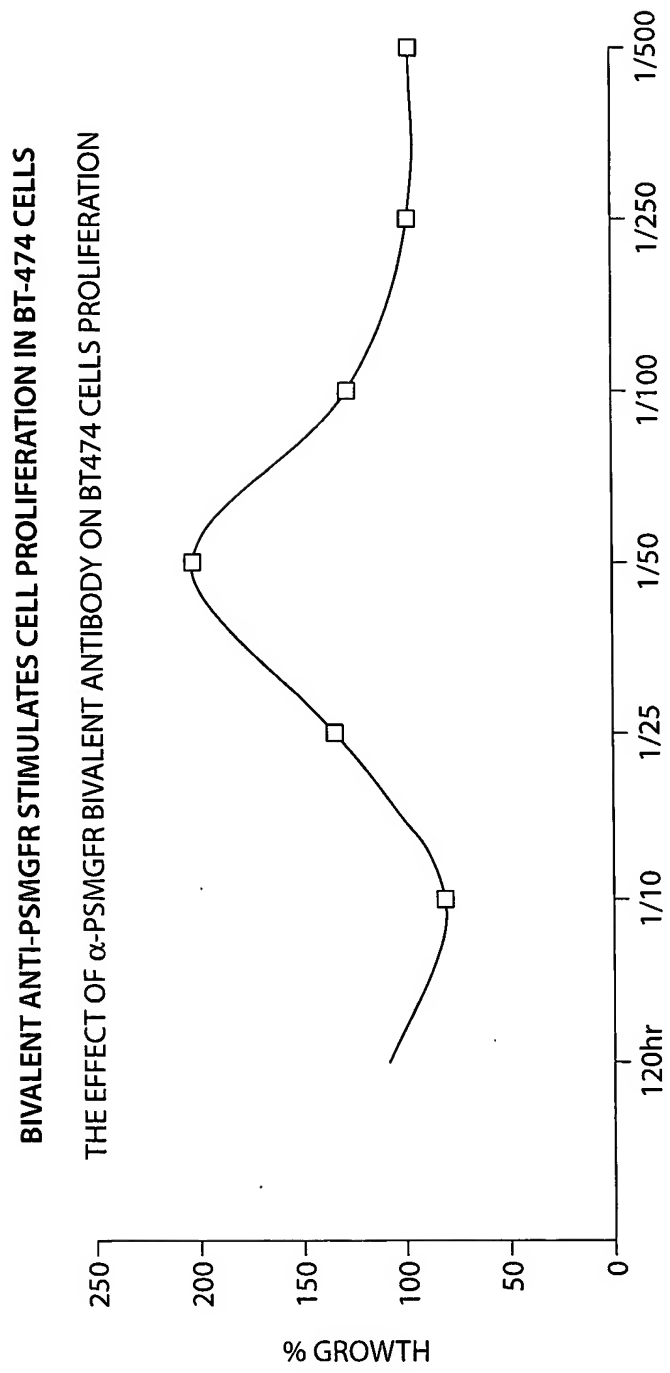


Fig. 10

MONOVALENT ANTI-PSMGFR INHIBITS GROWTH OF BREAST TUMOR CELL LINE 1504

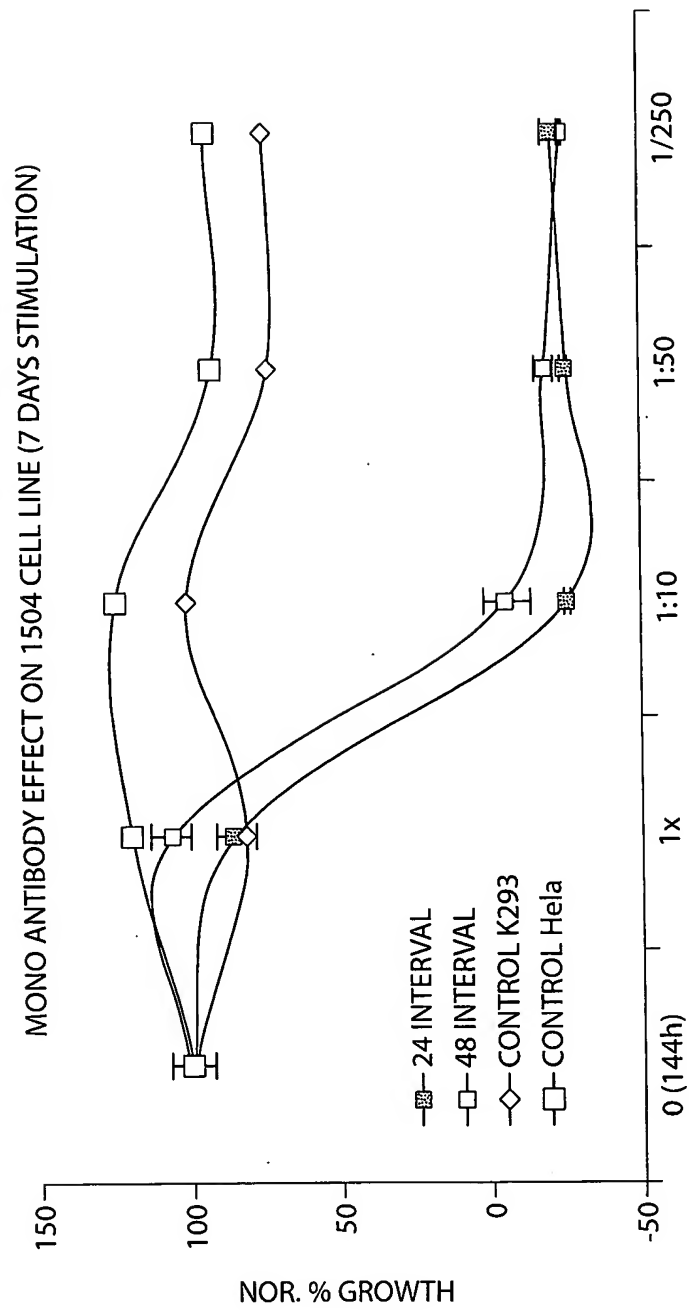


Fig. 11

MONOVALENT ANTI-PSMGFR INHIBITS GROWTH OF BREAST TUMOR CELL LINE 1500

EFFECT OF MONOVALENT ANTI-PSMGFR (24hr INTERVAL) ON 1500
CELL PROLIFERATION - HARVESTED AFTER 7 DAYS

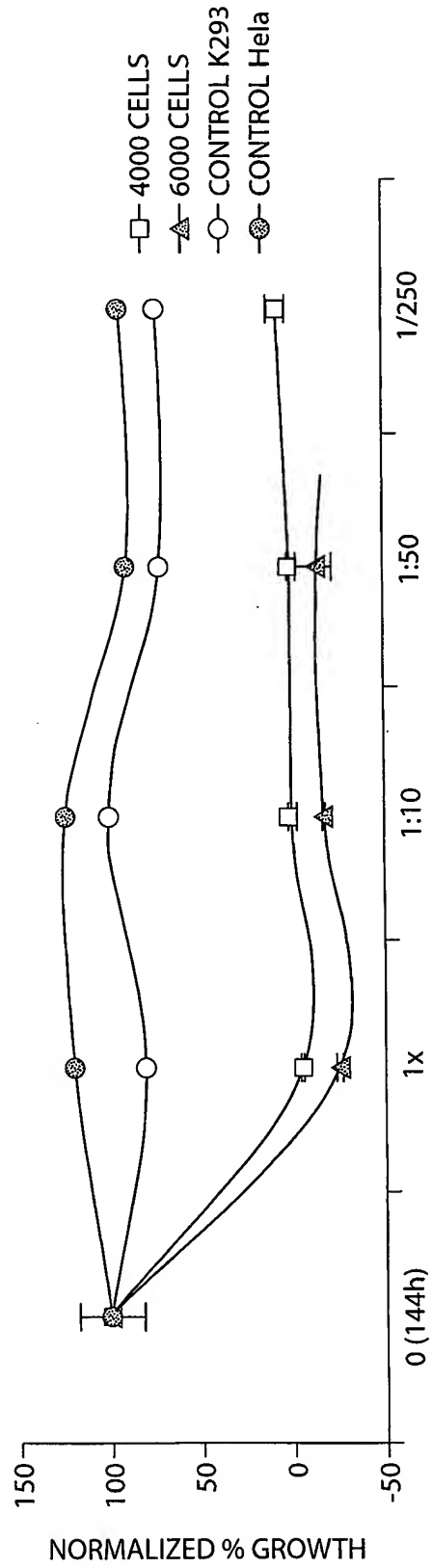


Fig. 12

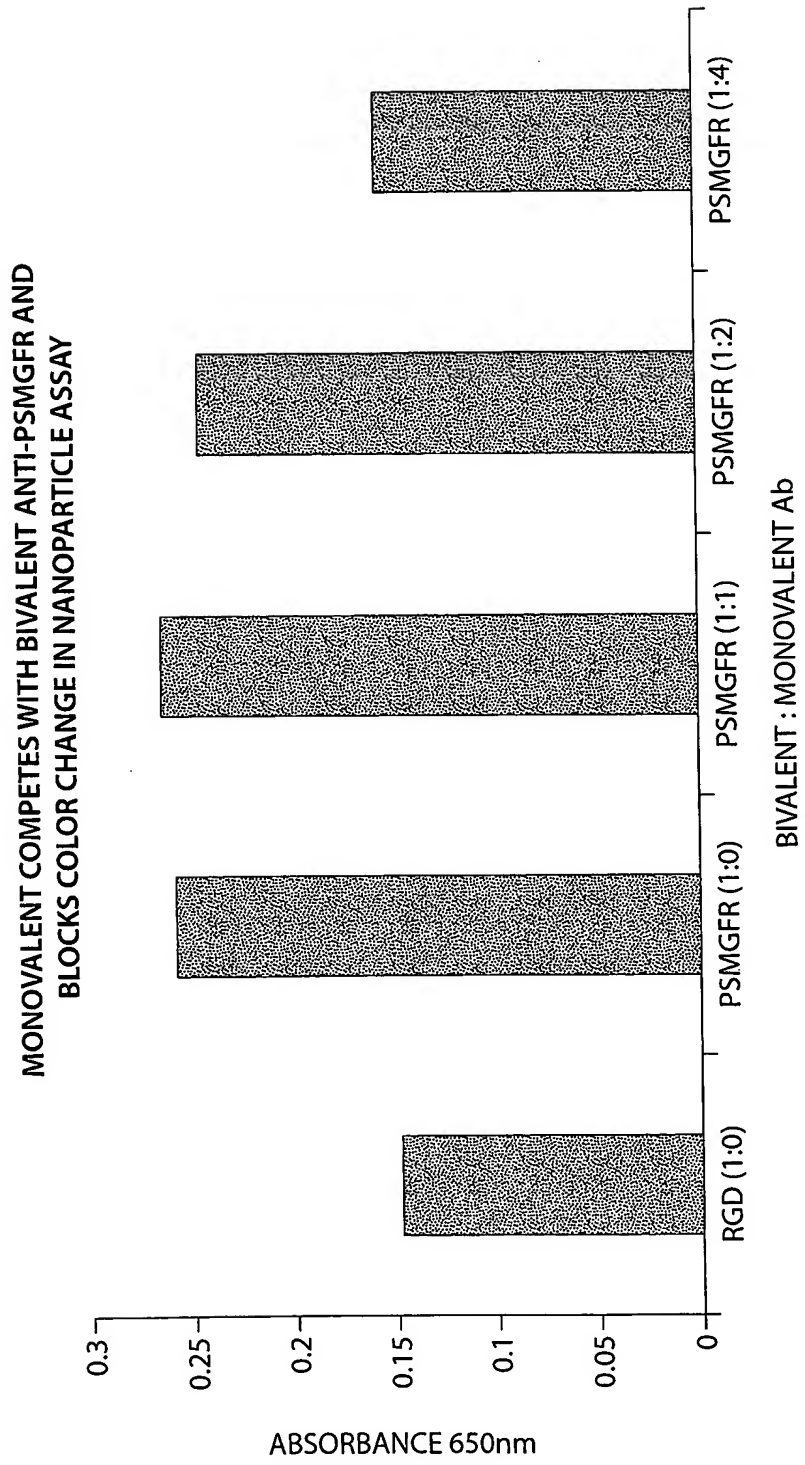


Fig. 13

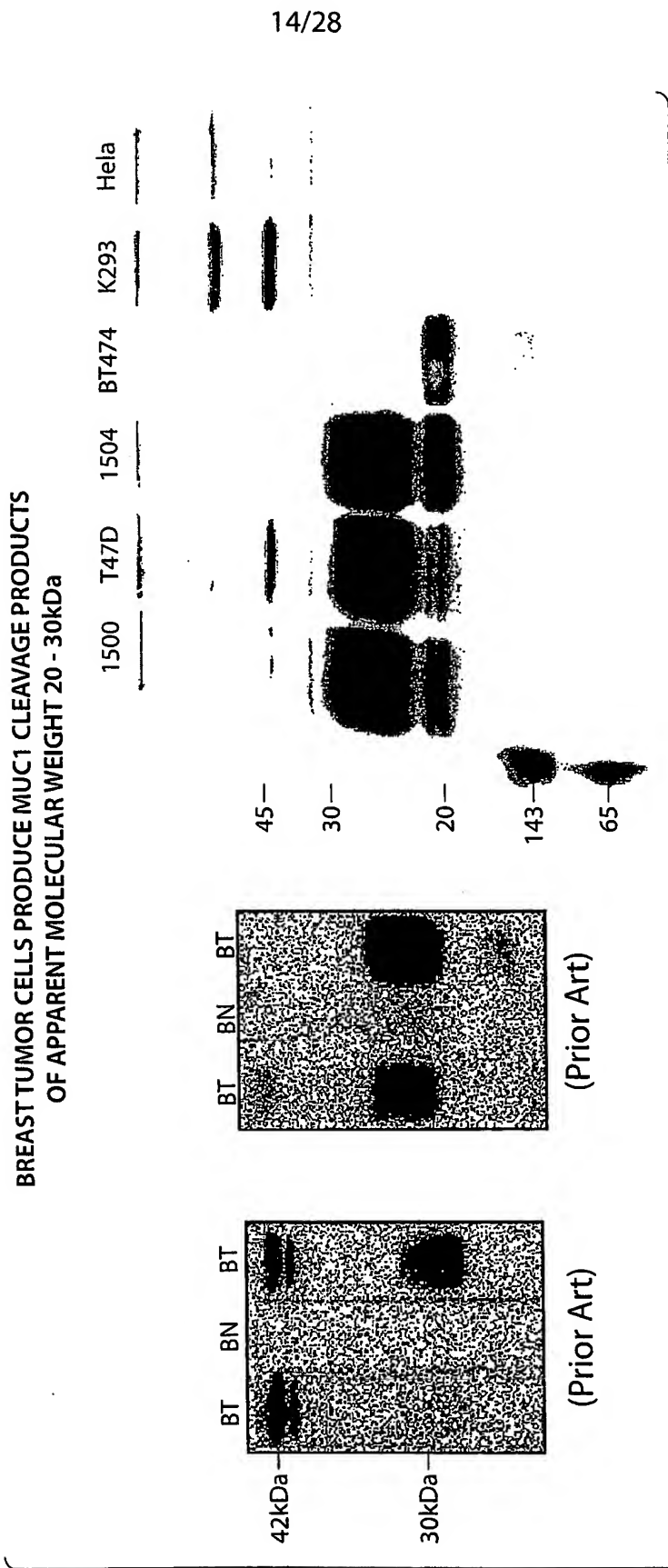


Fig. 14

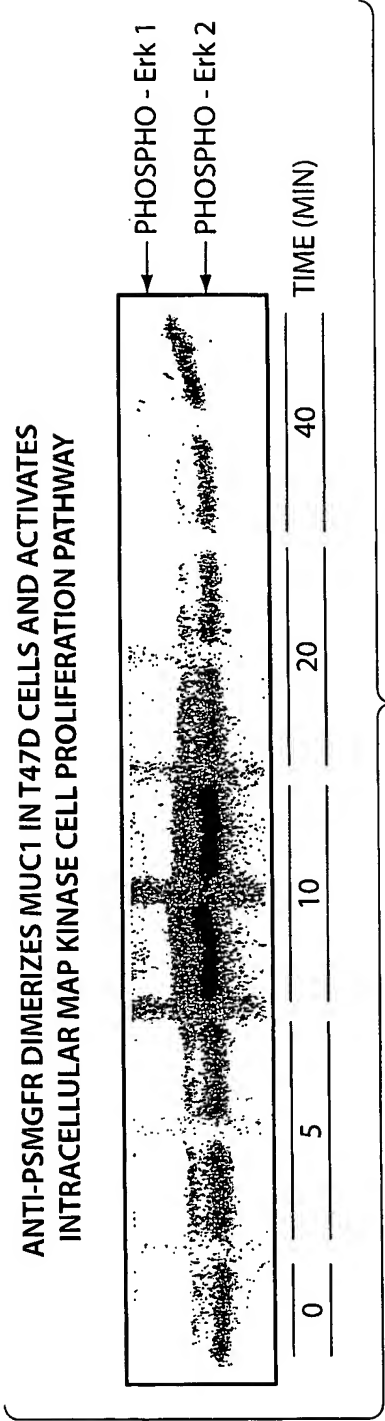


Fig. 15

BIVALENT ANTI-PSMGFR INDUCES MAP KINASE CELL
PROLIFERATION PATHWAY IN 1504 BREAST TUMOR CELLS

TIME-COURSE EFFECT OF ANTI-PSMGFR (5 μ l) ON ERK2 PATHWAY IN 1504 CELL LINE

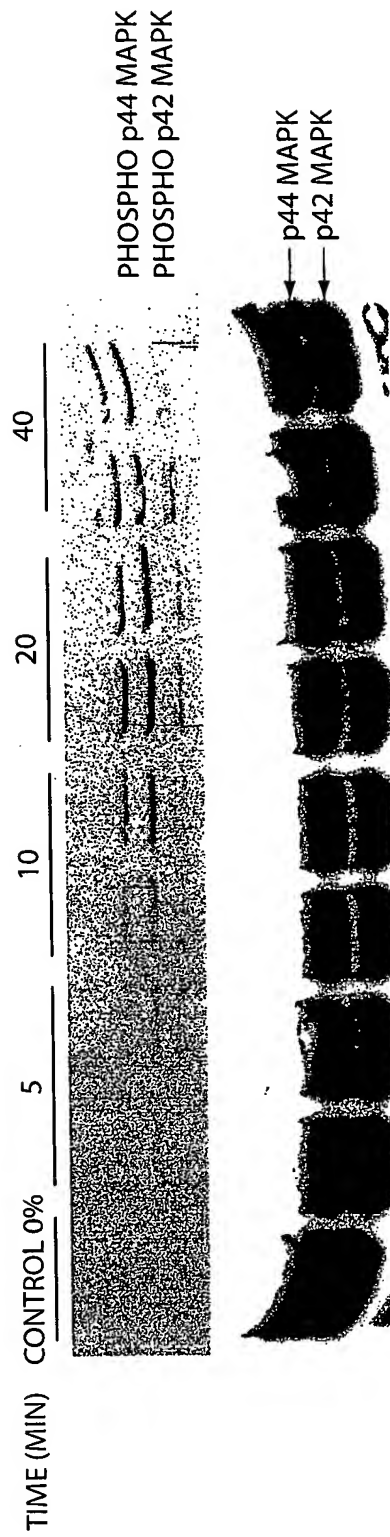


Fig. 16

BIVALENT ANTI-PSMGFR ALSO INDUCES ERK2
PHOSPHORYLATION IN 1500 BREAST TUMOR CELLS

TIME-COURSE EFFECT OF ANTI-PSMGFR (5uI) ON ERK2 PATHWAY IN 1500 CELL LINE

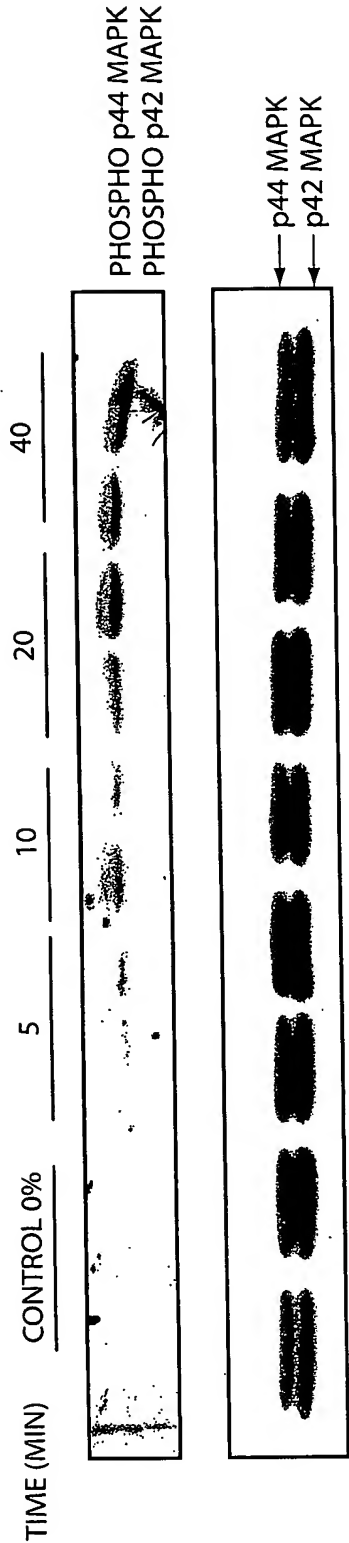


Fig. 17

**MN COMPOUNDS COMPETE WITH ANTIBODY TO BIND TO PSMGFR &
BLOCK ACTIVATION OF MAP KINASE PROLIFERATION PATHWAY**

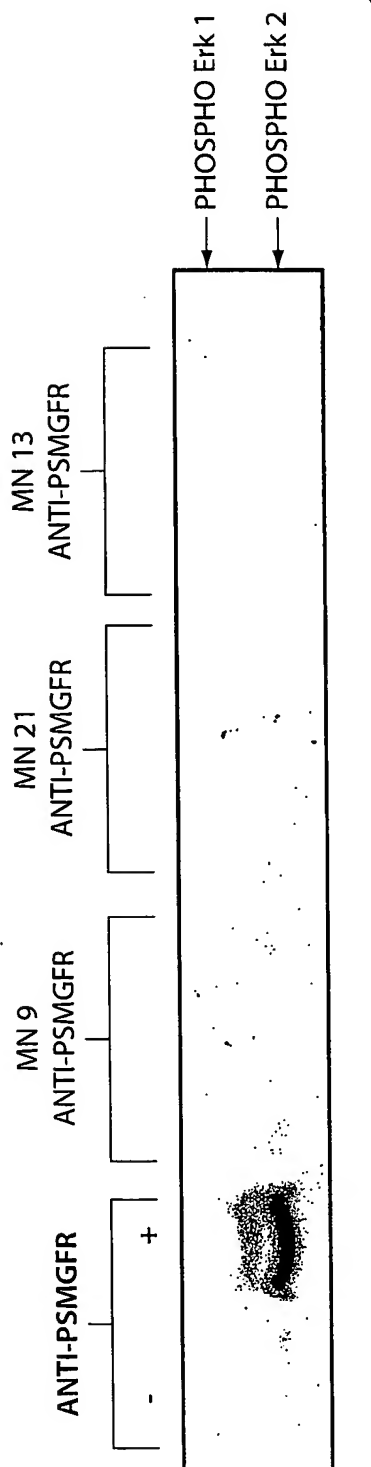


Fig. 18

MONOVALENT INHIBITS ERK2 PHOSPHORYLATION
ANTI-PSMGFR (5uI) AND MONOVALENT (10uI) ANTIBODY EFFECT
ON ERK2 PATHWAY IN 1500 CELL LINE

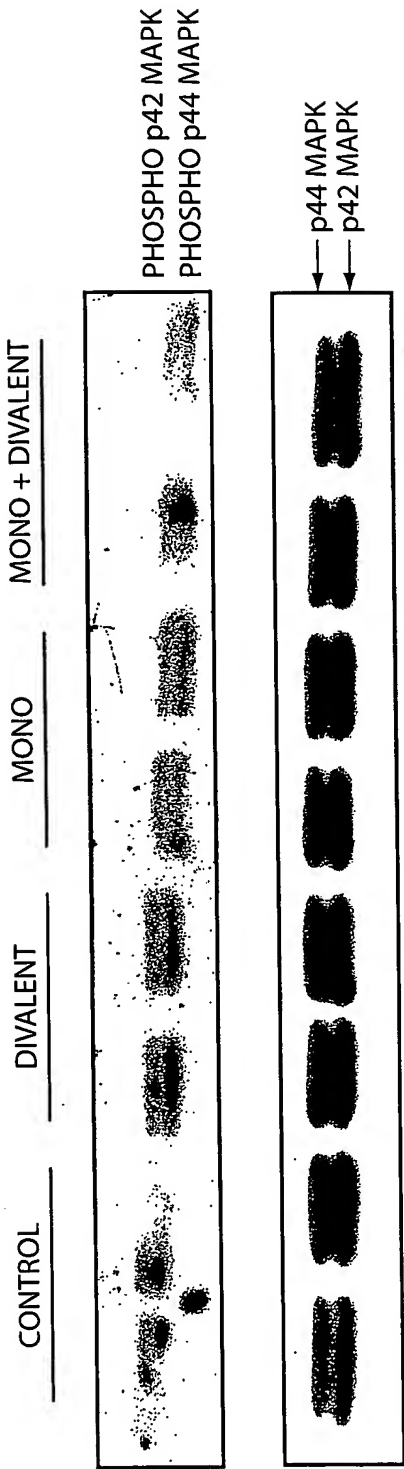


Fig. 19

BREAST TUMOR CELLS PRESENT FULL-LENGTH AS WELL AS CLEAVED MUC1

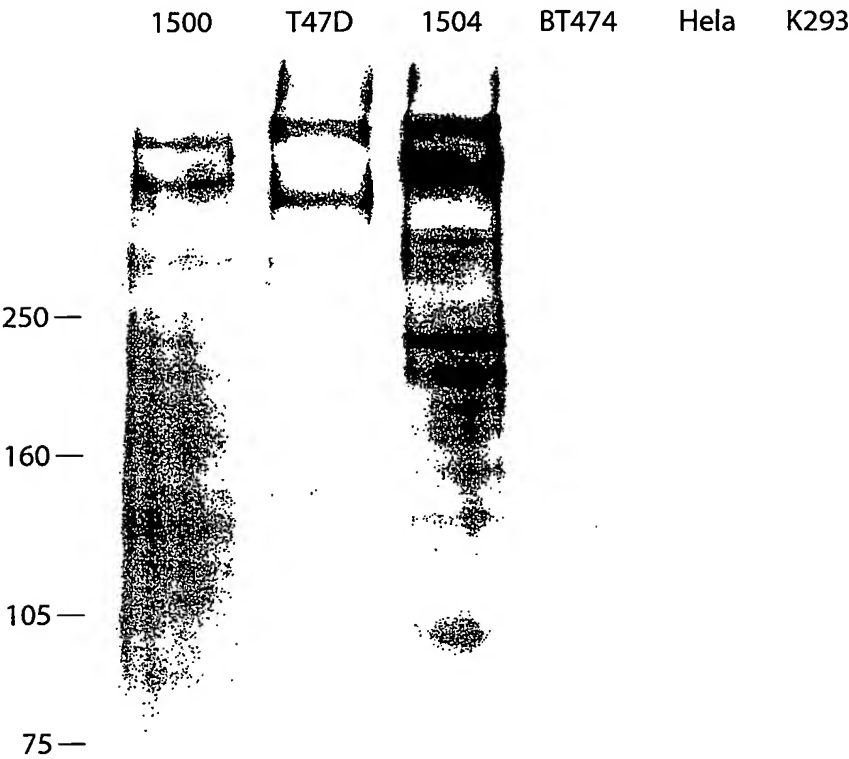


Fig. 20

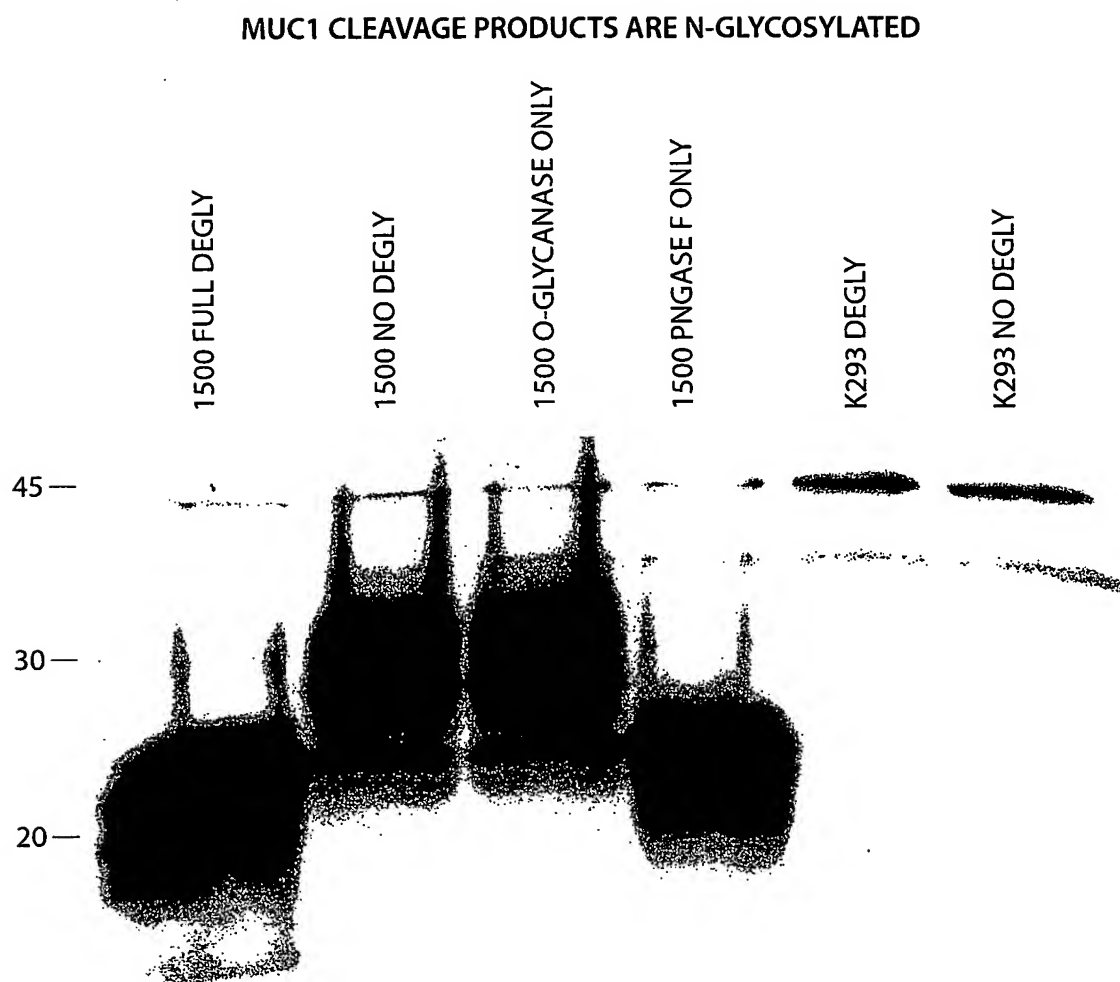


Fig. 21

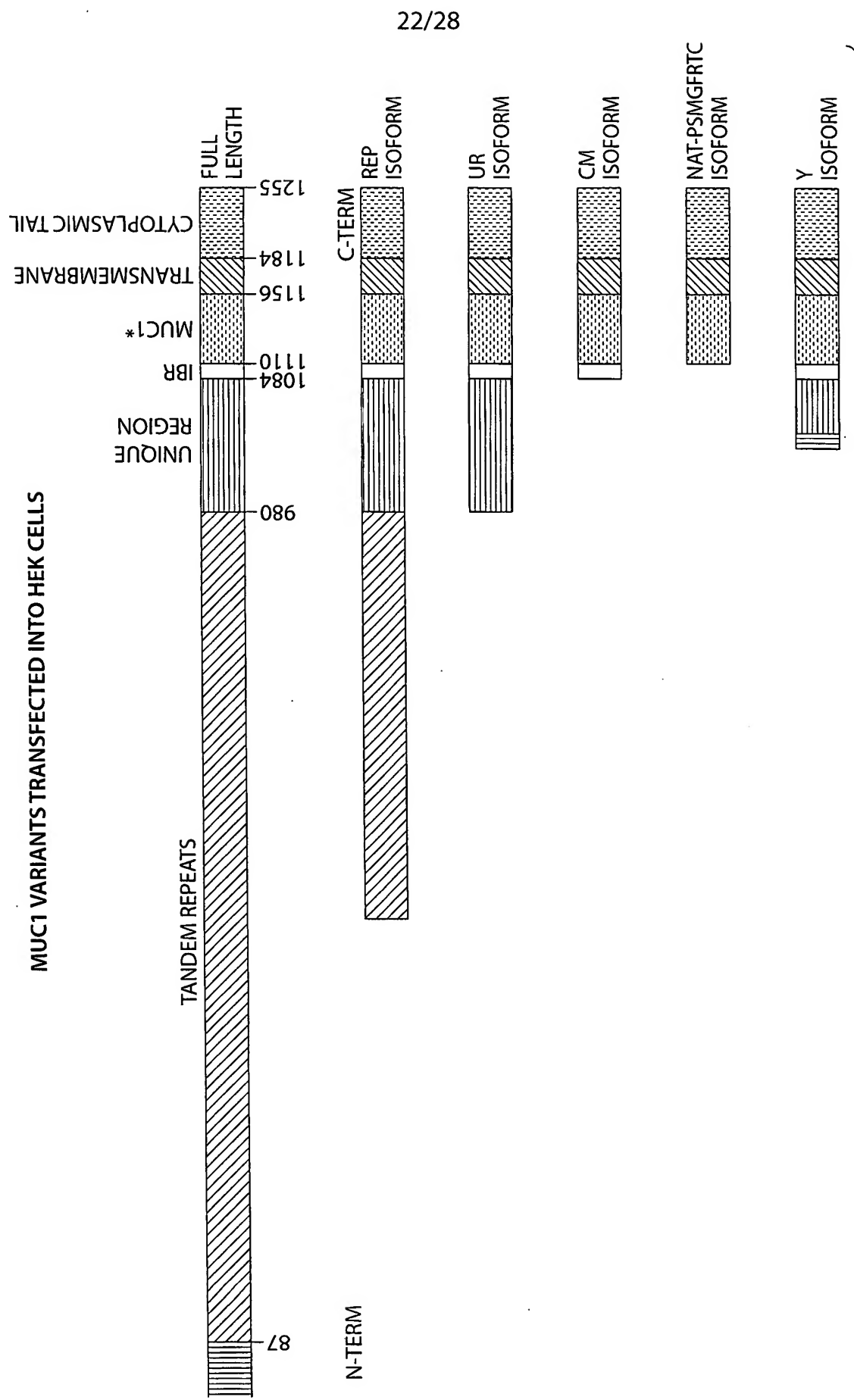


Fig. 22

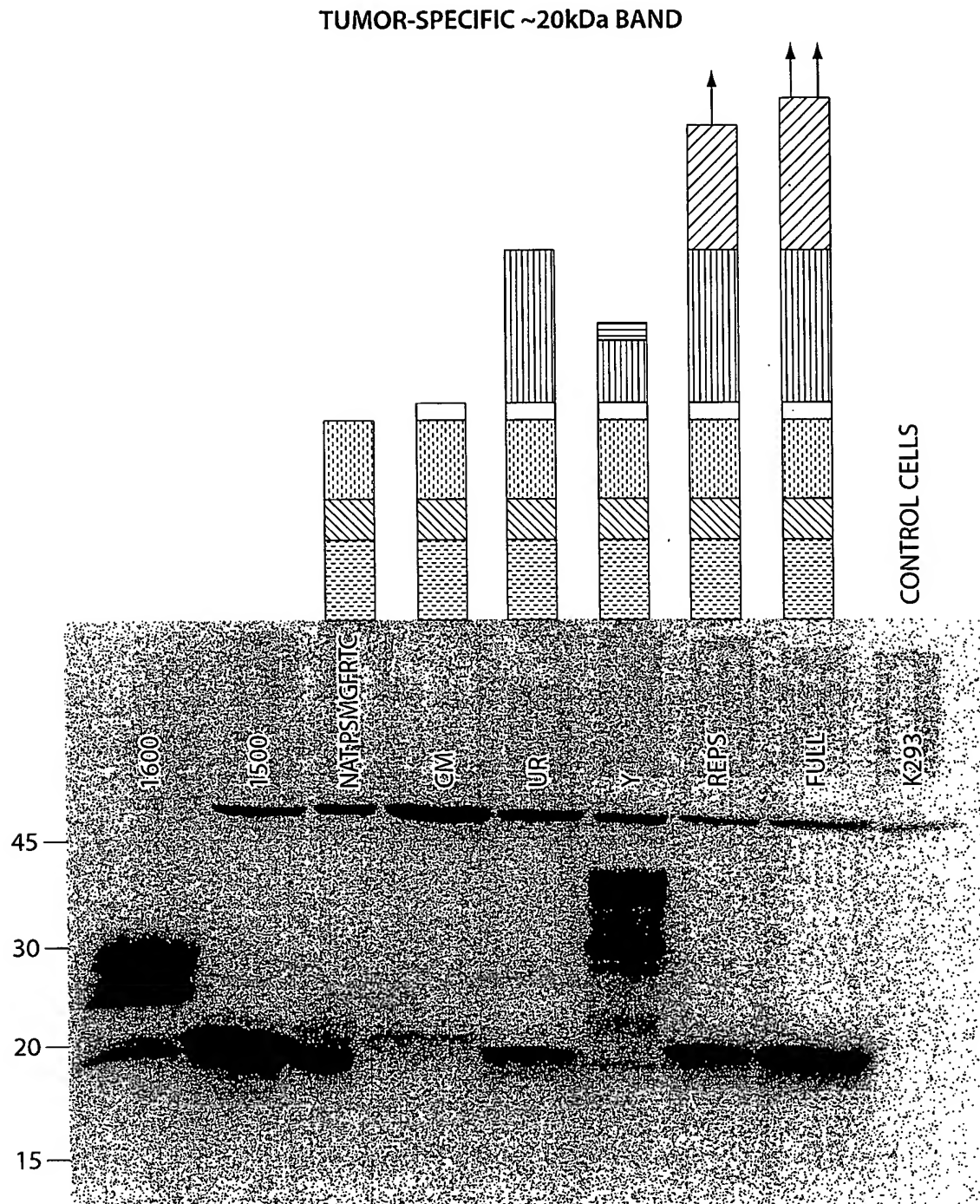


Fig. 23

MONOVALENT ANTI-PSMGFR INHIBITS CELL GROWTH IN NAT-PSMGFRTG TRANSFECTANTS

BIVALENT ANTI-PSMGFR (■) OR MONOVALENT (□)
(1uI) & BIVALENT NAT-PSMGFRTG TRANSFECTANT

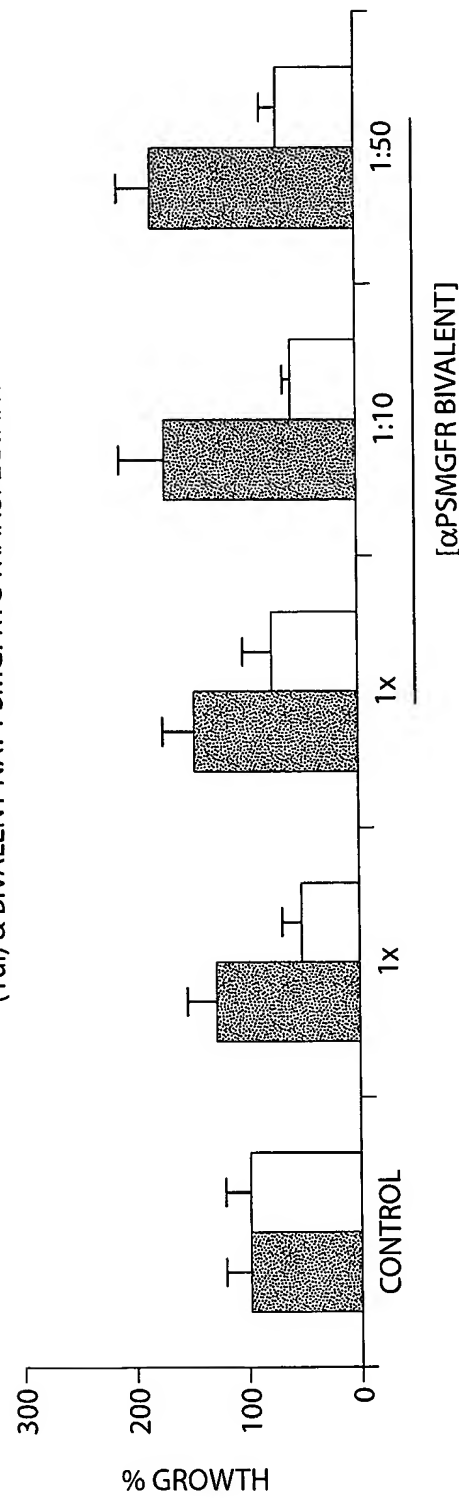


Fig. 24

ANTI-PSMGFR (5uI) ANTIBODY INDUCES ERK2 PHOSPHORYLATION
IN HEK CELLS TRANSFECTED WITH NAT-PSMGFRTC

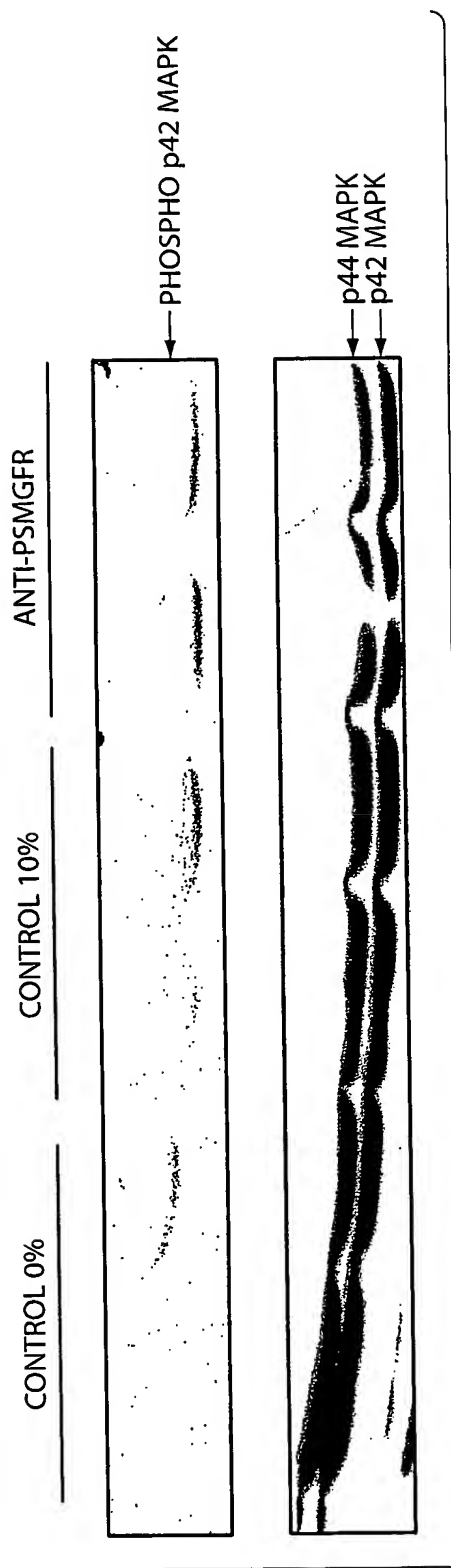
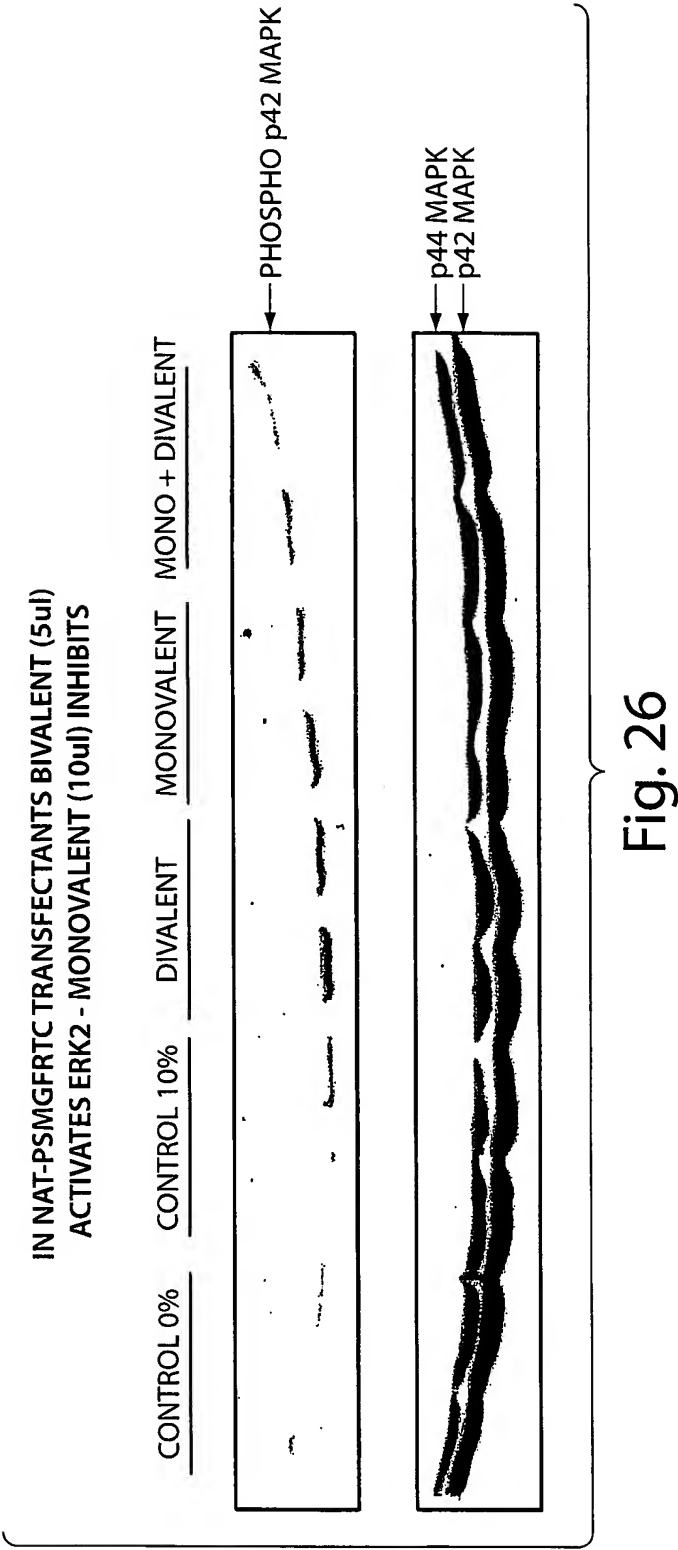


Fig. 25



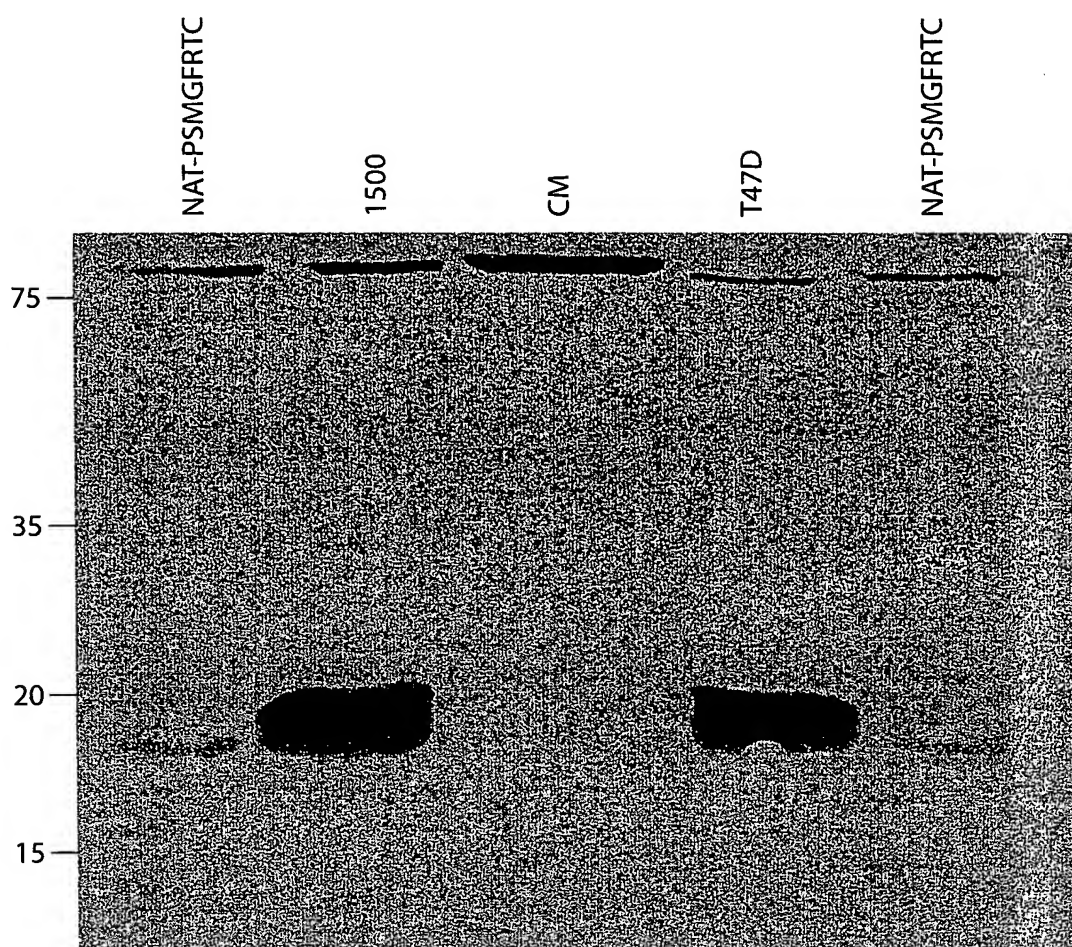


Fig. 27

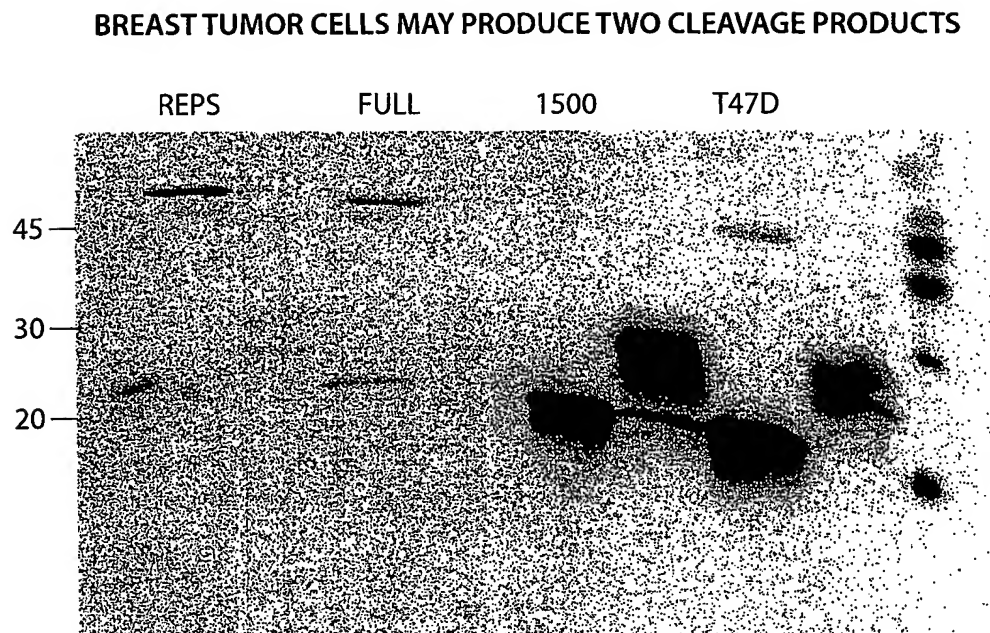


Fig. 28

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